

PUB-NO: EP000891007A1

DOCUMENT-IDENTIFIER: EP 891007 A1

TITLE: Apparatus for connecting an electric  
wire to a rail web

PUBN-DATE: January 13, 1999

INVENTOR-INFORMATION:

NAME

GAENSLEIN, HANS-GUENTHER

COUNTRY

DE

ASSIGNEE-INFORMATION:

NAME

GAENSLEIN HANS GUENTHER

COUNTRY

DE

APPL-NO: EP98106195

APPL-DATE: April 4, 1998

PRIORITY-DATA: DE29712206U ( July 11, 1997)

INT-CL (IPC): H01R004/64

EUR-CL (EPC): F16B004/00 ; H01R004/64

ABSTRACT:

CHG DATE=20001128 STATUS=O> The device connects an electric conductor (21, 13) to a railroad rail (9) or similar, and includes at least one socket (1) of electrically conducting material with a drill-through and with a cylinder section (3), whose outside diameter corresponds to approximately the diameter of an insertion hole (10) in the rail (9). A plot collar (4) extends radially towards the exterior over the cylinder section. A second

socket (2) is  
provided with a cylinder section (5), whose outside diameter  
corresponds  
approximately to the inside diameter of the first socket. A  
second plot collar  
(6) extends radially from the cylinder section towards the  
outside in such way,  
that the second socket is inserted from the other side of the  
rail, from which  
the first socket is inserted, into the first socket, and is  
clamped through  
axial and/or radial deformation.